

# WaterWorks



## Top Learning Standards

### DRDP

- Cause and Effect (COG 8)
- Curiosity and Initiative in Learning (ALT-REG 4)
- Ecology (HSS 3)
- Knowledge of the Natural World (COG 11)

### Kansas Early Learning

- Science Standards: Describes and compares the effects of common forces on objects (S.p4.1) and Asks/answers questions about objects, organisms, and events in their environment (S.p4.4)

### Kansas (K-2)

- Physical Education Standards: Executes basic locomotor skills (i.e. walk, run, hop, skip, jump, gallop, slide, leap) (1A.E1) and demonstrates multiple levels of movement, speed, direction, rhythm, pathways, force, time (2A.P1)

### Missouri Early Learning

- Mathematic Standard: Geometry and Spatial Sense: Investigates Positions and Locations (II.1)
- Science Standard: Physical Science: Explore, Investigate and Solve Problems of the Physical World (I.1 – I.4)

### Missouri (K-2)

- Science Standards: Matter and Its Interactions: Make qualitative observations of the physical properties of objects (i.e., size, shape, color, mass) (K.PS1.A.1) Motion and Stability: Forces and Interactions: Describe ways to change the motion of an object (i.e., how to cause an object to go slower, go faster, go farther, change direction, stop) (K.PS2.A.2)
- Physical Education Standard: Efficiency of Human Movement and Performance: Fundamental Movement Skills and Games and Principals of Human Movement

### Next Generation Science

- Force and Motion: Pushing or pulling on an object can change the speed or direction of its motion and can start or stop it (K-PS2-1), (K-PS2-2)
- The Roles of Water in Earth's Surface Process: Water is found in the ocean, rivers, lakes and ponds. Water exist as solid ice and in liquid form (2-ESS2-3)
- Types of Interactions: When objects touch or collide, they push on one another and can change motion (K-PS2-1)